Envelope Leakage Test Report (Blower Door Test) Residential Prescriptive, Performance or ERI Method Compliance 2023 Florida Building Code, Energy Conservation, 8th Edition



Jurisdictio	on:		Permit #:				
Job Infor	mation						
Builder:	Trent Giebeig	Community:	Lot: NA				
Address:	16430 N. US Hwy 441						
City: Lak	ce City	State:	e: FL Zip: 32055				
Air Leakage Test Results Passing results must meet either the Performance, Prescriptive, or ERI Method							
PRESCRIPTIVE METHOD-The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 7 air changes per hour at a pressure of 0.2 inch w.g. (50 Pascals) in Climate Zones 1 and 2. PERFORMANCE or ERI METHOD-The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding the selected ACH(50) value, as shown on Form R405-2023 (Performance) or R406-2023 (ERI), section labeled as infiltration, sub-section ACH50. ACH(50) specified on Form R405-2023-Energy Calc (Performance) or R406-2023 (ERI): 7.000							
C	x 60 ÷ 19026 Building V PASS When ACH(50) is less than 3 must be verified by building d	, Mechanical Ventilation ins	Method for calculating building volume: Retrieved from architectural plans Code software calculated Field measured and calculated				
R402.4.1.2 Testing. The building or dwelling unit shall be tested and verified as having an air leakage rate not exceeding seven air changes per hour in Climate Zones 1 and 2, and three air changes per hour in Climate Zones 3 through 8. Dwelling units with an air leakage rate less than three air changes per hour shall be provided with whole-house mechanical ventilation in accordance with Section R403.6.1 of this code and Section M1507.3 if the <i>Florida Building Code, Residential</i> . Testing shall be conducted in accordance with ANSI/RESNET/ICC 380 and reported at a pressure of 0.2 inch w.g. (50 Pascals). Testing shall be conducted by either individuals as defined in Section 553.993(5) or (7), <i>Florida Statues</i> ,or individuals licensed as set forth in Section 489.105(3)(f), (g), or (i) or an approved third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the <i>code official</i> . Testing shall be performed at any time after creation of all penetrations of the <i>building thermal envelope</i> . Duringtesting: 1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weatherstripping or other infiltration control measures. 2. Dampers including exhaust, intake, makeup air, back draft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures. 3. Interior doors, if installed at the time of the test, shall be open. 4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed. 5. Heating and cooling systems, if installed at the time of the test, shall be fully open. 7. If an attic is both sealed and insulated at the time of the test, shall be fully open. 7. If an attic is both sealed and insulated at the roof deck, interior access doors and hatches between the conditioned space volume and the attic shall be opened during the test and the volume of the home.							
	Company						
Company Name: Phone: Phone: I hereby verify that the above Air Leakage results are in accordance with the 2023 8th Edition Florida Building Code Energy Conservation requirements according to the compliance method selected above.							
Signature	e of Tester:		Date of Test:				
Printed N	ame of Tester:		.				
License/C	Certification #:		Issuing Authority:				

Duct Leakage Test Report

Residential Prescriptive, Performance or ERI Method Compliance 2023 Florida Building Code, Energy Conservation, 8th Edition

Jurisdiction:		Permit #:					
Job Information							
Builder: Trent Giebeig	Community:	-,	Lot: NA				
Address: 16430 N. US Hwy 441							
City: Lake City	State	: FL	Zip: 32055				
Duct Leakage Test Results							
System 1 cfm25 System 2 cfm25	O Prescriptive Method cfm25 (Total) To qualify as "substantially leak free" Qn Total must be less than or						
equal to 0.04 if air handler unit is installed. If air I installed, Qn Total must be less than or equal to			alled. If air handler unit is not or equal to 0.03. This testing				
Sum of others cfm25	method meets the requirements in accordance with Section R403.3.3. Is the air handler unit installed during testing? YES (*%) NO (*%)						
Total of all cfm25	Performance/ERI Method cfm25 (Out or Total)						
Total of all systems Square Footage =Qn	To qualify using this method, Qn must not be greater than the proposed duct leakage Qn specified on Form R405-2023 or R406-2023. Leakage Type selected on Form Qn specified on Form R405-2023 R405-2023 (EnergyCalc) or R406-2023						
PASS FAIL	Proposed 0	Qn	0.040				
Duct tightness shall be verified by testing in accordance with ANSI/RESNET/ICC380 by either individuals as defined in Section 553.993(5) or (7), Florida Statutes, or individuals licensed as set forth in Section 489.105(3)(f), (g) or (i), Florida Statutes.							
Testing Company							
Company Name: Phone: Phone: I hereby verify that the above duct leakage testing results are in accordance with the Florida Building Code requirements with the selected compliance path as stated above, either the Prescriptive Method or Performance Method.							
Signature of Tester:		Date of Test:					
Printed Name of Tester:							
License/Certification #:	and the second second	Issuing Autho	ority:				

Envelope Leakage Test Report (Blower Door Test)

Residential Prescriptive, Performance or ERI Method Compliance 2023 Florida Building Code, Energy Conservation, 8th Edition

Jurisdiction:	Permit #:						
Job Information							
Builder: Community:	Lot:						
Address:	Unit:						
City:	State: Zip:						
Air Leakage Test Results Passing results must meet either the Performance, Prescriptive, or ERI Method							
PRESCRIPTIVE METHOD- The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 7 air changes per hour at a pressure of 0.2 inch w.g. (50 Pascals) in Climate Zones 1 and 2							
PERFORMANCE or ERTI METHOD- The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding the selected ACH(50) value, as shown on FORM R405-2023 (Performance) or R406-2023 (ERI), section labeled as Infiltration, sub-section ACH. ACH(50) specified on Form R405-2023-Energy Calc (Performance) or R406-2023 (ERI):							
X 60 ÷ =	Method for calculating building volume						
CFM(50) Building Volume ACH(50)							
PASS FAIL	Code software calculated						
When ACH(50) is less than 3, Mechanical Ventilation Installation must be verified by building department.	Field measured and calculated						
per hour shall be provided with whole-house mechanical ventilation in Building Code, Residential. Testing shall be conducted in accordance we Testing shall be conducted by either individual as defined in Section 5: 489.105(3)(f), (g) or (i) or an approved third party. A written report of provided to the code official. Testing shall be performed at any time and Exception: Testing is not required for additions, alterations, renoval construction is less than 85 percent of the building thermal enveloped During testing: 1. Exterior windows and doors, fireplace and stove doors shall infiltration control measures. 2. Dampers including exhaust, intake, makeup air, backdraft and control measures. 3. Interior doors, if installed at the time of the test, shall be opened. Exterior doors for continuous ventilation systems and heat for the standard cooling systems, if installed at the time of the test. Supply and return registers, if installed at the time of the test. If an attic is both air sealed and insulated at the volume of the infiltration volume and calculating the air leakage of the house of the properties.	vations or repairs of the building thermal envelope of existing buildings in which new ope. all be closed, but not sealed, beyond the intended weatherstripping or other and flue dampers shall be closed, but not sealed beyond intended infiltration open. It recovery ventilators shall be closed and sealed. It etest, shall be turned off. It test, shall be fully open. In interior access doors and hatches between the conditioned space volume and the e attic shall be added to the conditioned space volume for purposes of reporting an iome.						
resung company	为关键的 1000 1000 1000 1000 1000 1000 1000 10						
Company Name: I hereby verify that the above Air Leakage results are in accordance requirements according to the compliance method selected above.	Phone:nce with the 2023 Florida Building Code Energy Conservation (8th Edition) ve.						
Signature of Tester:	Date of Test:						
Printed Name of Tester:							
License/Certification #:	Issuing Authority:						